

P4pal10

Cat. No.:	HY-P5875
CAS No.:	1021346-05-3
Molecular Formula:	C ₆₅ H ₁₁₂ N ₂₂ O ₁₃
Molecular Weight:	1409.72
Sequence:	{Pal}-Ser-Gly-Arg-Arg-Tyr-Gly-His-Ala-Leu-Arg-NH ₂
Sequence Shortening:	{Pal}-SGRRYGHALR-NH ₂
Target:	Protease Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	P4pal10 is a PAR ₄ antagonist. P4pal10 prevents the thrombin-mediated aggregation of mouse platelets in vivo. P4pal10 significantly reduced both the oedema and the granulocyte infiltration induced by Carrageenan (HY-125474) ^[1] .
IC ₅₀ & Target	PAR4 ^[1]

REFERENCES

[1]. Houle S, et al. Neutrophils and the kallikrein-kinin system in proteinase-activated receptor 4-mediated inflammation in rodents. Br J Pharmacol. 2005 Nov;146(5):670-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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